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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Art Unit 2127  
Examiner Kenneth Tang

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FEB 20 2003  
Technology Center 2100

In Re: Andrew E. Kalman  
Case: P4300  
Serial No.: 09/492,242  
Filed: January 27, 2000  
**Subject:** A Multi-Tasking Real-Time Operating System for Microprocessors  
with Limited Memory

To the Commissioner of Patents and Trademarks  
Washington, D.C. 20231

Dear Sir,

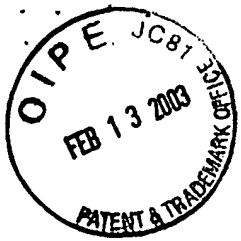
**Response A**

**In the claims:**

All of the claims standing for examination in the above-referenced case are reproduced below. No claims have been amended.

1. A real-time operating system (RTOS) for use with minimal-memory controllers comprising:

- a kernel for managing task execution, including context switching; and
  - a plurality of defined tasks as code sets, individual ones of the tasks having subroutines callable in nested levels for accomplishing tasks;
- characterized in that the kernel constrains context switching to occur only



## Certificate of Express Mailing

"Express Mail" Mailing Label Number: EV218560519US

Date of Deposit: 02/13/2003

Ref: Case Docket No.: P4300

First Named Inventor: Andrew E. Kalman

Serial Number: 09/492,242

Filing Date: 01/27/2000

Title of Case: Multi-Tasking Real-Time Operating System for Microprocessors with Limited Memory

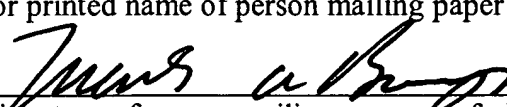
I hereby certify that the attached papers are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. 1.10 on the date indicated above and addressed to the Commissioner of Patents and Trademarks, Washington D.C. 20231

1. Response A.
2. Response transmittal.
3. Duplicate Response transmittal.
4. Certificate of express mailing.
5. Postcard listing contents.

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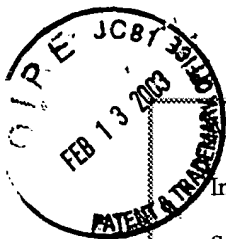
Mark A. Boys

(Typed or printed name of person mailing paper or fee)

  
(Signature of person mailing papers or fee)

02-1903

2127



Method of Transmission: EV218560519US

CASE DOCKET NO. P4300

In reference to application of Andrew E. Kalman

Serial No. 09/492,242

For Multi-Tasking Real-Time Operating System for Microprocessors with Limited Memory

Sir:

Transmitted herewith is and an amendment in the above-identified application, under 37 C.F.R. 1.312

- ☒ No additional fee is required.  
☒ Applicant claims Small entity status under 37 CFR 1.27.  
☐ The fee has been calculated as shown below.

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## \*\*\*\* CLAIMS AS AMENDED \*\*\*\*

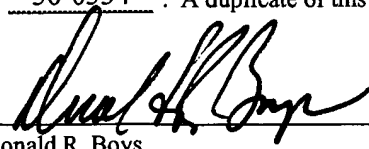
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
	Claims Remaining After Amendment		Highest No. Paid For Previously	Present Extra	Rate Small Entity	Rate Large Entity	Additional Fee
Total Claims	20	Minus	** 20	0	\$ 9	\$ 18	\$ 0.00
Indep Claims	2	Minus	*** 3	0	\$ 42	\$ 84	\$ 0.00
<input type="checkbox"/> First presentation of a multiple dependent claim					\$ 0	\$ 0	\$ 0.00
<input type="checkbox"/> Terminal Disclaimer Fees							\$ 0.00
Extension Fee	<input type="checkbox"/> 1st Month		<input type="checkbox"/> 2nd Month		<input type="checkbox"/> 3rd Month		\$ 0.00
Total additional for claims, time extensions and disclaimer fees							\$ 0.00

\*\* If the "highest Number Previously Paid For" in this space is less than 20, write "20" in this space.

\*\*\* If the "highest Number Previously Paid For" in this space is less than 3, write "3" in this space.

\*\*\*\* Multiple dependencies, if any, included in the above calculation.

\* If the entry in column 2 is less than the entry in column 4, write "0" in column 5.

☐ A check in the amount of 0.00 is attached.☐ Charge \$ 0.00 to deposit account 50-0534. (A duplicate of this sheet is enclosed)☒ Please charge any additional fees or credit overpayment to Deposit Account 50-0534. A duplicate of this sheet is enclosed.Respectfully Submitted, Donald R. Boys  
Reg. No. 35074

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